

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/265,435 10/671484
				Filing Date	October 7, 2002
				First Named Inventor	Moo Yeol PARK et al.
				Art Unit	2871
				Examiner Name	Minh Toan TON
Sheet	1	of	3	Attorney Docket Number	8733.704.00

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
M	AA	3978580-	09-07-1976	Leupp et al.	
	AB	4653864-	03-31-1987	Baron et al.	
	AC	4775225-	10-04-1988	Tsuboyama et al.	
	AD	5263888-	11-23-1993	Ishihara et al.	
	AE	5379139-	01-03-1995	Sato et al.	
	AF	5406989-	04-18-1995	Abe	
	AG	5499128-	03-12-1996	Hasegawa et al.	
	AH	5507323-	04-16-1996	Abe	
	AI	5539545-	07-23-1996	Shimizu et al.	
	AJ	5548429-	08-20-1996	Tsujita	
	AK	5680189-	10-21-1997	Shimizu et al.	
	AL	5757451-	05-26-1998	Miyazaki et al.	
	AM	5852484-	12-22-1998	Inoue et al.	
	AN	5854664-	12-29-1998	Inoue et al.	
	AO	5861932-	01-19-1999	Inata et al.	
	AP	5952678-	09-14-1999	Ashida	
	AQ	5956112-	09-21-1999	Fujimori et al.	
	AR	6001203-	12-14-1999	Yamada et al.	
	AS	6016181-	01-18-2000	Shimada	
	AT	6219126-B1	04-17-2001	von Gutfeld	
	AU	6236445-B1	05-22-2001	Foschaar et al.	
	AV	6337730-B1	01-08-2002	Ozaki et al.	

Examiner Signature	1	Date Considered	09/15/03
-----------------------	---	--------------------	----------

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO			C m p l t e i f K n w n		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/265,435 10/67/454	
			Filing Date	October 7, 2002	
			First Named Inventor	Moo Yeol PARK et al.	
			Art Unit	2871	
			Examiner Name	Minh Toan TON	
Sheet	2	of	3	Attorney Docket Number	8733.704.00

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code ^a -Number ^a -Kind Code ^b (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ^a
✓	BA	JP-57038414-	03-03-1982	Oishi Naoaki et al.		
	BB	JP-57088428-	06-02-1982	Ogasawara Tsutomu		
	BC	JP-58027126-	02-17-1983	Mimizuka Takao		
	BD	JP-60164723-	08-27-1985	Sakai Tooru		
	BE	JP-60217343-	10-30-1985	Kawasaki Kiyohiro		
	BF	JP-61007822-	01-14-1986	Okada Shinjiro		
	BG	JP-61055625-	03-20-1986	Yamamoto Norio et al.		
	BH	JP-62089025-	04-23-1987	Hisamitsu Shinji et al.		
	BI	JP-62090622-	04-25-1987	Hachiman Akihiro et al.		
	BJ	JP-62205319-	09-09-1987	Tsuboyama Akira et al.		
	BK	JP-63109413-	05-14-1988	Koike Yoshiro		
	BL	JP-63110425-	05-14-1988	Onishi Motoi		
	BM	JP-63128315-	05-31-1988	Eguchi Toshiyasu		
	BN	JP-63311233-	12-20-1988	Abe Yoko et al.		
	BO	JP-05127179-	05-25-1993	Fujimura Hiroshi		
	BP	JP-05265011-	10-15-1993	Matsushita Katsuki		
	BQ	JP-05281557-	10-29-1993	Furukawa Hisao et al.		
	BR	JP-05281562-	10-29-1993	Yamada Satoshi et al.		
	BS	JP-06051256-	02-25-1994	Sonoda Koji et al.		
	BT	JP-06148657-	05-27-1994	Yamamoto Yoshinori et al.		
	BU	JP-06265915-	09-22-1994	Minafuji Hirotada et al.		
	BV	JP-07128674-	05-19-1995	Okazaki Yoshiyuki et al.		
	BW	JP-07181507-	07-21-1995	Furushima Teruhiko		
	BX	JP-08095066-	04-12-1996	Nishiyama Kazuhiro et al.		
	BY	JP-08108101-	04-23-1996	Koike Yoshiro et al.		
	BZ	JP-08171094-	07-02-1996	Houchiyu Shinji et al.		
	BA1	JP-08190099-	07-23-1996	Koike Yoshiro et al.		
	BB1	JP-08240807-	09-17-1996	Koike Yoshiro et al.		
	BC1	JP-09005762-	01-10-1997	Okada Hiroyuki		
	BD1	JP-09026578-	01-28-1997	Tashiro Kunihiro et al.		
	BE1	JP-09073075-	03-18-1997	Nakajima Junji et al.		
	BF1	JP-09073096-	03-18-1997	Matsukawa Hideki et al.		
	BG1	JP-09127528-	05-16-1997	Tashiro Kunihiro et al.		
	BH1	JP-09230357-	09-05-1997	Furushima Teruhiko		
	BI1	JP-09281511-	10-31-1997	Tashiro Kunihiro et al.		
	BJ1	JP-09311340-	12-02-1997	Yamada Satoshi		
	BK1	JP-10123537-	05-15-1998	Egami Norihiko et al.		
	BL1	JP-10123538-	05-15-1998	Matsukawa Hideki et al.		
	BM1	JP-10142616-	05-29-1998	Abe Hideyuki et al.		
	BN1	JP-10221700-	08-21-1998	Tashiro Kunihiro et al.		
	BO1	JP-10282512-	10-23-1998	Abe Hideyuki		
	BP1	JP-11014953-	01-22-1999	Iwane Takahiro		
	BQ1	JP-11038424-	02-12-1999	Tashiro Kunihiro et al.		

Examiner Signature		Date Considered	09/15/01
--------------------	--	-----------------	----------

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/265,435 12/6/1994		
		Filing Date	October 7, 2002		
		First Named Inventor	Moo Yeol PARK et al.		
		Art Unit	2871		
		Examiner Name	Minh Toan TON		
Sheet	3	of	3	Attorney Docket Number	8733.704.00

BR1	JP-11064811-	03-05-1999	Sakai Naoto
BS1	JP-11109388-	04-23-1999	Taniguchi Yuzo et al.
BT1	JP-11174477-	07-02-1999	Nishinaka Katsuki et al.
BU1	JP-11212045-	08-06-1999	Sumida Shirou
BV1	JP-11344714-	12-14-1999	Ozaki Masaaki et al.
BW1	JP-2000029035-	01-28-2000	Suzuki Naoya et al.
BX1	JP-2001117105-	04-27-2001	Takase Takeshi
BY1	JP-2001133794-	05-18-2001	Kojima Kazuyuki
BZ1	JP-2001142074-	05-25-2001	Imabayashi Makiko et al.
BA2	JP-2001147437-	05-29-2001	Watanabe Makoto et al.
BB2	JP-2001154211-	06-08-2001	Tanaka Yuichiro et al.
BC2	JP-2001255542-	09-21-2001	Yamamoto Yuichi
BD2	JP-2001264782-	09-26-2001	Oshima Nobumasa et al.
BE2	JP-2001330840-	11-30-2001	Ogino Hisaaki et al.
BF2	JP-2001356354-	12-26-2001	Okada Hiroyuki et al.
BG2	JP-2002014360-	01-18-2002	Egami Norihiko et al.
BH2	JP-2002023176-	01-23-2002	Yamazaki Koji
BI2	JP-2002049045-	02-15-2002	Sasaki Takeshi
BJ2	JP-2002082340-	03-22-2002	Suzuki Sadaichi et al.
BK2	JP-2002090759-	03-27-2002	Nakahama Koji
BL2	JP-2002090760-	03-27-2002	Egami Norihiko
BM2	JP-2002107740-	04-10-2002	Morimoto Mitsuaki
BN2	JP-2002122872-	04-26-2002	Tajima Tetsuo et al.
BO2	JP-2002122873-	04-26-2002	Toko Yasuo
BP2	JP-2002080321-	06-27-2002	Sugimura Hiroyuki et al.
BQ2	JP-2002202512-	07-19-2002	Toyama Akimasa
BR2	JP-2002202514-	07-19-2002	Yamada Satoshi et al.
BS2	JP-2002214626-	07-31-2002	Sanada Shinichi
BT2	JP-6160871-	06-07-1994	Yamamoto Yoshinori et al.

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	6/11/02
--------------------	--	-----------------	---------

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete If Known	
		Application Number	10/265,435 10/27/04
		Filing Date	October 7, 2002
		First Named Inventor	Moo Yeol PARK et al.
		Art Unit	2871
		Examiner Name	TBA
Sheet 1 of 2	Attorney Docket Number	8733.704.00	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
✓	AA	4,094,058-	06-13-1978	Yasutake et al.	
	AB	4,691,995-	09-08-1987	Yamazaki et al.	
	AC	5,247,377-	09-21-1993	Omeis et al.	
	AD	5,511,591-	04-30-1996	Abe	
	AE	5,642,214-	06-24-1997	Ishii et al.	
	AF	5,742,370-	04-21-1998	Kim et al.	
	AG	5,875,922-	03-02-1999	Chastine et al.	
	AH	6,011,609-	01-04-2000	Kato et al.	
	AI	6,016,178-	01-18-2000	Kataoka et al.	
	AJ	6,055,035-	04-25-2000	von Guffeld et al.	
	AK	6,163,357-	12-19-2000	Nakamura	
	AL	6,226,067-	05-01-2001	Nishiguchi et al.	
	AM	6,304,306-	10-16-2001	Shiomi et al.	
	AN	6,304,311-B1	10-16-2001	Egami et al.	
	AO	6,414,733-	07-02-2002	Ishikawa et al.	
✓	AP	US 2001/0021000-A1	09-13-2001	Egami	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² -Number ³ -Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
✓	BA	EP-1003066-A1	05-24-2000	Egami et al.	
	BB	JP-05-154923-	06-22-1993	Fukuo et al.	
	BC	JP-06-313870-	11-08-1994	Fukuo et al.	
	BD	JP-06-235925-	08-23-1994	Katsuya	
	BE	JP-07-084268-	03-31-1995	Hiroshi et al.	
	BF	JP-08-101395-	04-16-1996	Satoru et al.	
	BG	JP-09-061829-	03-07-1997	Satoru et al.	
	BH	JP-10-177178-	06-30-1998	Shinichi et al.	
	BI	JP-10-333157-	12-18-1998	Takayuki et al.	
	BJ	JP-10-333159-	12-18-1998	Takayuki et al.	
	BK	JP-11-133438-	05-21-1999	Shinichi et al.	
	BL	JP-11-142864-	05-28-1999	Takashi et al.	
	BM	JP-11-248930-	09-17-1999	Satoru et al.	
	BN	JP-11-326922-	11-26-1999	Yuji	
	BO	JP-51-065656-	06-07-1976	Yoichi	
	BP	JP-59-057221-	04-02-1984	Yoshio et al.	
	BQ	JP-59-195222-	11-06-1984	Osamu	
	BR	JP-60-111221-	06-17-1985	Masanori et al.	
	BS	JP-2000-002879-	01-07-2000	Masaki	
	BT	JP-2000-056311-	02-25-2000	Satoru et al.	
	BU	JP-2000-066165-	03-03-2000	Koji et al.	
✓	BV	JP-2000-137235-	05-16-2000	Norihiko et al.	

Examiner Signature	T. _____	Date Considered	09/15/05
--------------------	----------	-----------------	----------

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/268,435 10/67/454
		Filing Date	October 7, 2002
		First Named Inventor	Moo Yeol PARK et al.
		Art Unit	2871
		Examiner Name	TBA
		Attorney Docket Number	8733.704.00
Sheet	2	of	2

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BW	JP-3000-147528-	05-24-2000	Nobutaka et al.		
	BX	JP-2000-193988-	07-14-2000	Taiji et al.		
	BY	JP-2000-241824-	09-08-2000	Masanori et al.		
	BZ	JP-2000-284295-	10-13-2000	Satoshi et al.		
	BA1	JP-2000-292799-	10-20-2000	Yoshiteru et al.		
	BB1	JP-2000-310759-	11-07-2000	Norihiko		
	BC1	JP-2000-310784-	11-07-2000	Kazuo et al.		
	BD1	JP-2000-338501-	12-08-2000	Hideaki		
	BE1	KR-2000-0035302-A1	06-26-2000	Yoshihiro		
	BF1	JP-2001-005401-	01-12-2001	Kiyoshi et al.		
	BG1	JP-2001-005405-	01-12-2001	Satoshi et al.		
	BH1	JP-2001-013506-	01-19-2001	Seiji et al.		
	BI1	JP-2001-033793-	02-09-2001	Shinichiro et al.		
	BJ1	JP-2001-042341-	02-16-2001	Masayuki et al.		
	BK1	JP-2001-051284-	02-23-2001	Norihiko		
	BL1	JP-2001-066615-	03-16-2001	Katsuki et al.		
	BM1	JP-2001-091727-	04-06-2001	Koji et al.		
	BN1	JP-2001-117109-	04-27-2001	Hideki et al.		
	BO1	JP-2001-133745-	05-18-2001	Satoshi et al.		
	BP1	JP-2001-133799-	05-18-2001	Satoshi		
	BQ1	JP-2001-166272-	06-22-2001	Kiyoshi et al.		
	BR1	JP-2001-166310-	06-22-2001	Takashi et al.		
	BS1	JP-2001-183683-	07-06-2001	Akinori et al.		
	BT1	JP-2001-201750-	10-04-2001	Kazuyuki et al.		
	BU1	JP-2001-209052-	08-03-2001	Hideaki		
	BV1	JP-2001-209060-	08-03-2001	Yoshiro et al.		
	BW1	JP-2001-215459-	09-13-2001	Norihiko		
	BX1	JP-2001-222017-	08-17-2001	Kunihiro et al.		
	BY1	JP-2001-235758-	08-31-2001	Katsuki		
	BZ1	JP-2001-272640-	10-05-2001	Kuniaki		
	BA2	JP-2001-281675-	10-10-2001	Yutaka et al.		
	BB2	JP-2001-281678-	10-04-2001	Hiroyuki et al.		
	BC2	JP-2001-282126-	10-12-2001	Masayuki et al.		
	BD2	JP-2001-305563-	10-31-2001	Akira et al.		
	BE2	JP-2001-330837-	11-30-2001	Kazufumi		
	BF2	JP-2001-356353-	12-26-2001	Satoshi et al.		
Examiner Signature				Date Considered	09/15/05	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.